



COMMONWEALTH of VIRGINIA

Molly Joseph Ward
Secretary of Natural Resources

DEPARTMENT OF ENVIRONMENTAL QUALITY
Blue Ridge Regional Office
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(540) 562-6700; Fax (540) 562-6725
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David K. Paylor
Director

Robert J. Weld
Regional Director

December 8, 2017

Mr. Matthew W. Haworth
Plant Manager
Owens-Brockway Glass Container Inc.
29 Glass Blower Lane
Ringgold, VA 24586

Location: Pittsylvania
Registration No.: 30718

Dear Mr. Haworth:

Attached is a renewal Title V permit to operate your facility pursuant to 9VAC5 Chapter 80 Article 1 of the Virginia Regulations for the Control and Abatement of Air Pollution. The attached permit will be in effect beginning December 8, 2017.

In the course of evaluating the application and arriving at a final decision to issue this permit, the Department of Environmental Quality (DEQ) deemed the application complete on January 25, 2017, and solicited written public comments by placing a newspaper advertisement in the Danville Register and Bee on October 23, 2017. The thirty-day required comment period, provided for in 9VAC5-80-270 expired on November 23, 2017.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to operate shall not relieve Owens-Brockway Glass Container Inc. of the responsibility to comply with all other local, state, and federal permit regulations.

To review any federal rules referenced in the above paragraph or in the attached permit, the US Government Publishing Office maintains the text of these rules at www.ecfr.gov, Title 40, Part 70.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact the Blue Ridge Regional Office at 540-562-6700.

Sincerely,



Robert J. Weld
Regional Director

PJ/BA/30718 Title V 12082017.docx

Attachment: Permit

cc: Director, OAPP (electronic file submission)
Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III (electronic file submission)
Manager/Inspector, Air Compliance (electronic file submission)



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Federal Operating Permit Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9 VAC 5-80-50 through 9 VAC 5-80-300, of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Owens-Brockway Glass Container Inc.
Facility Name:	Owens-Brockway Glass Container Inc.
Facility Location:	29 Glass Blower Lane Ringgold, VA 24586
Registration Number:	30718
Permit Number:	BRRO30718

This permit includes the following programs:

Federally Enforceable Requirements - Clean Air Act (Pages 3 through 24)

December 8, 2017
Effective Date

December 7, 2022
Expiration Date



Regional Director

12/8/2017

Signature Date

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Facility Information

Permittee

Owens-Brockway Glass Container Inc.
29 Glass Blower Lane
Ringgold, VA 24586

Responsible Official

Matthew W. Haworth
Plant Manager

Facility

Owens-Brockway Glass Container Inc.
29 Glass Blower Lane
Ringgold, VA 24586

Contact Person

Mr. Dennis J. Buenger
Environmental Administrator Engineer Senior
467-336-7519

County-Plant Identification Number: 51-01430100

Facility Description: NAICS 327213 – Container Glass Manufacturing.

The facility is a Title V major source of sulfur dioxide, nitrogen oxides, and particulate matter. This source is located in an attainment area for all pollutants, and is a PSD minor source. The facility is currently permitted under Minor NSR Permits issued on April 6, 2001, and December 14, 2005.

Owens-Brockway Glass Containers Inc. manufactures glass containers from cullet (recycled glass) and raw materials (sand, limestone, soda ash, and others). The cullet and raw materials are mixed to form a batch. The batch is fed into the glass melting furnace. The melted batch is transferred to forming machines where it is poured into molds to make the glass container. The glass containers are treated with monobutyltin trichloride (MBTT), annealed, coated with a polyethylene emulsion, ink printed by a bottle coding machine, and packaged.

Emission Units

Equipment to be operated consists of:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
Fuel Burning Equipment							
B-1	001	North American Boiler (1978)	14.6 MMBtu/hr	-	-	-	4/6/2001
1-A	003	Glass Melting Furnace A (1978)	99 MMBtu/hr	-	-	-	4/6/2001
EG-1		Emergency Generator (1976)	585 HP	-	-	-	-
EFP-1		Emergency Fire Pump Engine (1976)	471 HP	-	-	-	-
Glass Manufacturing Process							
EU-13		Batch House & Silos		Fabric Filters	Baghouse-1-16	PM	4/6/2001
EU-6	007	Bottle Finishing (HEST)	2.0 lb/hr (monobutyltin trichloride usage)	-	-	-	12/14/2005

*The Size/Rated capacity and PCD efficiency is provided for informational purposes only, and is not an applicable requirement.

Fuel Burning Equipment Requirements – Glass Melting Furnace A (1-A) and North American Boiler (B-1) rated at 14.6 MMBtu/hr

Limitations

1. **Fuel Burning Equipment Requirements – (B-1) – Limitations** - The approved fuels for the boiler (B-1) are natural gas and liquefied petroleum gas (LPG). A change in the fuels may require a permit to modify and operate.
(9VAC 5-80-110)
2. **Fuel Burning Equipment Requirements – (1-A) – Limitations** - The approved fuel for the glass melting furnace (1-A) is natural gas. A change in the fuel may require a permit to modify and operate.
(9VAC 5-80-110 and Condition 6 of the April 6, 2001 permit document)
3. **Fuel Burning Equipment Requirements – (1-A) – Limitations** - The production of pulled glass shall not exceed 146,000 tons per year (equal to average daily production of 400 tons), calculated monthly as the sum of each consecutive 12 month period.
(9VAC 5-80-110 and Condition 4 of the April 6, 2001 permit document)
4. **Fuel Burning Equipment Requirements – (1-A) – Limitations** - The sulfur content of the raw materials fed to the glass melting furnace (1-A) shall not exceed 0.25%, by weight (5.0 lb total S as SO₃ per ton of raw material charged to the glass melting furnace).
(9VAC 5-80-110 and Condition 5 of the April 6, 2001 permit document)
5. **Fuel Burning Equipment Requirements – (B-1) – Limitations** - Emissions from the operation of boiler (B-1) shall not exceed the limits specified below:

Particulate Matter	0.5 lb/MMBtu
Sulfur Dioxide	38.5 lb/hr

(9VAC 5-80-110, 9VAC 5-50-10 D, 9VAC 5-40-900 A(1)(b), and 9VAC 5-40-930 A(1))

6. **Fuel Burning Equipment Requirements – (1-A) – Limitations** - Emissions from the operation of the glass melting furnace (1-A) shall not exceed the limits specified below:

Particulate Matter (filterable portion)	0.71 lb/ ton glass produced	---
PM-10 (filterable + condensable)	0.87 lb/ton glass produced	63.5 tons/yr

Sulfur Dioxide	3.2 lbs/ton glass produced	233.6 tons/yr
Nitrogen Oxides	103.5 lbs/hr	452.6 tons/yr
Carbon Monoxide	8.4 lbs/hr	36.5 tons/yr
Volatile Organic Compounds	6.7 lbs/hr	29.2 tons/yr

Annual emission limits are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits shall be considered credible evidence of the exceedance of the annual emission limits. Annual emissions shall be calculated monthly as the sum of each consecutive 12 month period. Compliance with the annual emission limits may be determined as stated in Conditions 3, 4, and 12. (9VAC 5-80-110, 40 CFR 60.293 (b)(1), and Condition 8 of the April 6, 2001 permit document)

7. Fuel Burning Equipment Requirements – (1-A) – Limitations - Visible emissions from the glass melting furnace (1-A) shall not exceed the lower of:

- a. 13.93% opacity in accordance to 40 CFR 60.293(c), or
- b. the redetermined opacity value that corresponds to the 99% upper confidence level in accordance with 40 CFR 60.293(e), but shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A).

(9 VAC 5-80-110, 40 CFR 60.293 (c)(4), and Condition 9 of the April 6, 2001 permit document)

8. Fuel Burning Equipment Requirements – (B-1) – Limitations - Visible Emissions from the boiler stack (Stack 001) shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity. (9VAC 5-80-110 and 9VAC 5-50-80)

9. Fuel Burning Equipment Requirements – (B-1, 1-A) – Limitations – The boiler (B-1) and glass melting furnace (1-A) emissions shall be controlled by proper operation and maintenance. Equipment operators shall be trained in the proper operation of all such equipment. Training shall consist of a review and familiarization of the manufacturer's operating instructions, at minimum. The permittee shall have available good written operating procedures and a maintenance schedule for the boiler, glass melting furnace, and air pollution control equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum. (9VAC 5-80-110 and Condition 7 of the April 6, 2001 permit document)

Monitoring

10. **Fuel Burning Equipment Requirements – (1-A) – Monitoring** - A Continuous Opacity Monitoring System (COMS) meeting the design specifications of 40 CFR Part 60 Appendix B shall be installed to measure and record the opacity of emissions from the glass melting furnace stack (Stack 003). The COMS shall be installed, calibrated, maintained, and operated in accordance with the requirements of 40 CFR 60.13, 40 CFR 60 Subpart CC and Appendix B of 40 CFR 60. Data shall be reduced to six minute averages. (9VAC 5-80-110, 40 CFR 60.293, and Condition 12 of the the April 6, 2001 permit document)

Recordkeeping

11. **Fuel Burning Equipment Requirements – (B-1, 1-A) – Recordkeeping** - The permittee shall maintain records of the training required by Condition 9, including a statement of time, place and nature of training provided. All records required by this condition shall be kept on site and made available for inspection by the DEQ. (9VAC 5-80-110 and Condition 7 of the April 6, 2001 permit document)
12. **Fuel Burning Equipment Requirements – (B-1, 1-A) – Recordkeeping** – The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:
- a. Annual production of glass pulled from the glass melting furnace (1-A), calculated monthly as the sum of each consecutive 12 month period;
 - b. Records showing sulfur content for each raw material formulation charged to the glass melting furnace (1-A);
 - c. Monthly emissions calculations for SO₂ from the glass melting furnace (1-A) using calculation methods approved by the Blue Ridge Regional Office to verify compliance with the ton per year emissions limitations in Condition 6. Annual emissions shall be calculated monthly as the sum of each consecutive 12 month period;
 - d. Continuous monitoring system data, calibrations and calibration checks, percent operating time, and excess emissions;
 - e. Training records required by Condition 9 that shall include a statement of time, place and nature of training provided; and,
 - f. Written operating procedures and maintenance schedules as required by Condition 9.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.

(9VAC5-80-110 and Conditions 7 & 16 of the April 6, 2001 permit document)

Reporting

13. **Fuel Burning Equipment Requirements – (1-A) – Reporting** - The permittee shall furnish written reports to the Blue Ridge Regional Office of excess emissions from any process monitored by a continuous monitoring system (COMS) on a semiannual basis, postmarked no later than the 30th day following the end of the semiannual period. The time periods to be addressed are the calendar months January through June and July through December. These reports shall include, but are not limited to the following information:
- a. The magnitude of excess emissions, any conversion factors used in the calculation of excess emissions, and the date and time of commencement and completion of each period of excess emissions;
 - b. Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the process, the nature and cause of the malfunction (if known), the corrective action taken or preventative measures adopted;
 - c. The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
 - d. When no excess emissions have occurred or the continuous monitoring systems have not been inoperative, repaired or adjusted, such information shall be stated in that report.

(9VAC 5-80-110 and Condition 15 of the April 6, 2001 permit document)

Testing

14. **Fuel Burning Equipment Requirements – (1-A) – Testing** - The permittee shall conduct opacity system monitoring audits, on a regularly scheduled basis, to demonstrate compliance with the calibration error specification (40 CFR 60, Appendix B, Performance Specification 1). In no case shall the length of time between audits exceed 12 months. Prior to the first scheduled audit, the permittee shall submit, for approval, to the Blue Ridge Regional Office, the proposed audit procedures for the opacity monitoring system. A 30-day notification prior to the initial performance evaluation and each scheduled audit shall be submitted to the Blue Ridge Regional Office.

(9VAC 5-80-110, 40 CFR Part 60, Appendix B, and Condition 14 of the April 6, 2001 permit document)

15. **Fuel Burning Equipment Requirements – (1-A) – Testing** - At an interval not to exceed five years, performance tests shall be repeated for PM (filterable), PM₁₀ (filterable and condensable), SO₂, and NO_x from the glass melting furnace (1-A) to determine compliance with the emission limits contained in Condition 6. The details of the tests are to be arranged

with the Director, Blue Ridge Regional Office. The permittee shall submit a test protocol at least 30 days prior to testing.
(9VAC 5-80-110)

- 16. Fuel Burning Equipment Requirements – (1-A) – Testing** - Tests shall be conducted and reported and data reduced as set forth in 9 VAC 5-50-30, and the test methods and procedures contained in each applicable section or subpart listed in 9 VAC 5-50-410. The details of the tests are to be arranged with the Blue Ridge Regional Office. The permittee shall submit a test protocol at least 30 days prior to testing. Two copies of the test results shall be submitted to the Blue Ridge Regional Office within 60 days after test completion and shall conform to the test report format enclosed with this permit.
(9VAC 5-80-110)

- 17. Fuel Burning Equipment Requirements– (B-1, 1-A) – Testing** - The permitted facility shall be constructed so as to allow for emissions testing and monitoring upon reasonable notice at any time, using appropriate methods. Upon request from the Department, test ports shall be provided at the appropriate locations.
(9VAC 5-80-110 and Condition 17 of the April 6, 2001 permit document)

Fuel Burning Equipment Requirements – Emergency Generator (EG-1) rated at 585 HP and Emergency Fire Pump Engine (EFP-1) rated at 471 HP

Limitations

- 18. Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** – The approved fuel for the emergency generator (EG-1) and the emergency fire pump engine (EFP-1) is diesel. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-110)
- 19. Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** – At all times the emergency generator (EG-1) and emergency fire pump engine (EFP-1) must be in compliance with the applicable requirements of 40 CFR 63 Subpart ZZZZ.
(9VAC5-80-110 and 40 CFR 63.6605(a))
- 20. Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** - The emergency generator (EG-1) and emergency fire pump engine (EFP-1) shall comply with the requirements of Table 2d(4) of 40 CFR 63 Subpart ZZZZ. Table 2d(4) requires the owner/operator to meet the following requirements:
- a. Change oil and filter every 500 hours of operation or annually, whichever comes first;
 - b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and

- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The permittee may utilize an optional oil analysis program as described in 40 CFR 63.6625(i) in order to extend the specified oil change requirements in Table 2d of 40 CFR 63 Subpart ZZZZ. If the optional oil analysis program is utilized, the oil analysis program must be part of the maintenance plan for the engine.

(9VAC5-80-110, 40 CFR 63.6605(b) and 40 CFR 63.6625(i))

- 21. **Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** – The emergency generator (EG-1), emergency fire pump engine (EFP-1), after-treatment control device (if any), and associated air pollution control equipment and monitoring equipment shall be operated and maintained according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with safety and good air pollution control practice for minimizing emissions.

(9VAC5-80-110, 40 CFR 63.6605(b) and 40 CFR 63.6625(e))

- 22. **Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** – The emergency generator (EG-1) and emergency fire pump engine (EFP-1) shall be equipped with a non-resettable hour meter.

(9VAC5-80-110 and 40 CFR 63.6625(f))

- 23. **Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** – The emergency generator (EG-1) and emergency fire pump engine (EFP-1) shall be operated in a manner to minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

(9VAC5-80-110 and 40 CFR 63.6625(h))

- 24. **Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** - In order for the engine to be considered an emergency stationary RICE under 40 CFR 63 Subpart ZZZZ, any operation other than those listed in 40 CFR 63.6640(f), as described in 40 CFR 63.6640(f), is prohibited. If the permittee does not operate the engine according to the requirements in 40 CFR 63.6640(f), the engine will not be considered an emergency engine under 40 CFR 63 Subpart ZZZZ and shall meet all requirements for non-emergency engines.

(9VAC5-80-110 and 40 CFR 63.6640(f))

- 25. **Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** – The permittee shall comply with the applicable requirements in Table 8 of 40 CFR 63 Subpart ZZZZ.

(9VAC5-80-110 and 40 CFR 63.6665)

- 26. **Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Limitations** – Visible emissions from the emergency generator (EG-1) and emergency fire pump engine (EFP-1)

shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emission shall not exceed 30 percent opacity. The opacity standards for the engine apply at all times except during periods of startup, shutdown, and malfunction. (9VAC5-80-110, 9VAC5-50-20, and 9VAC5-50-80)

Monitoring

27. **Fuel Burning Equipment – (EG-1, EFP-1) – Monitoring** - At least one time in any week the emergency generator (EG-1) or emergency fire pump engine (EFP-1) operates, an observation of the presence of visible emissions from the affected unit's exhaust stack shall be made. The presence of visible emissions shall require the permittee to:
- Take timely corrective action such that the affected unit resumes operation with no visible emissions, or,
 - Conduct a visible emission evaluation (VEE), in accordance with EPA Method 9 (reference 40 CFR 60 Appendix A) for a minimum of six minutes, to assure visible emissions from the affected unit are 20 percent opacity or less. If any of the 15-second observations exceeds 20 percent opacity, the observation period shall continue for a total of sixty (60) minutes. If compliance is not demonstrated by this VEE, timely corrective action shall be taken such that the equipment resumes operation with visible emissions less than or equal to the opacity limits.

The permittee shall maintain an observation log to demonstrate compliance. The logs shall include the date and time of the observations, whether or not there were visible emissions, the results of all VEEs, any necessary corrective action, and the name of the observer. If the emergency diesel fire pump has not been operated for any period during the entire week, it shall be noted in the log book.
(9VAC5-50-20 E, 9VAC5-80-110 E and K)

Recordkeeping

28. **Fuel Burning Equipment Requirements – (EG-1, EFP-1) – Recordkeeping** – The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with 40 CFR 63 Subpart ZZZZ. These records shall include, but are not limited to:
- Copy of the manufacturer's emission-related operation and maintenance instructions or the developed maintenance plan required by Condition 21;
 - All maintenance conducted on the emergency generator (EG-1), emergency fire pump engine (EFP-1), and any after-treatment control device (if any) [63.6655(e)];
 - If the emergency generator (EG-1) or the emergency fire pump engine (EFP-1) do not meet the standards in 40 CFR 63 Subpart ZZZZ applicable to non-emergency engines, the permittee shall keep records of the hours of operation of the engine

- that is recorded through the non-resettable hour meter. The documentation shall include the information specified in 40 CFR 63.6655(f) [63.6655(f)];
- d. If the oil analysis program described in Condition 20 is implemented, the permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis and the oil changes for the engine [63.6625(i)]; and,
 - e. Visible emissions observation logs for the emergency generator (EG-1) and emergency fire pump engine (EFP-1) as required by Condition 27.

These records shall be in a form suitable and readily available for expeditious review. Each record shall be kept for 5 years following the date of each occurrence, maintenance, corrective action, report, or record.
(9VAC5-80-110, 40 CFR 63.6625(e), 40 CFR 63.6655(e), 40 CFR 63.6655(f), and 40 CFR 63.6660)

Reporting

- 29. Fuel Burning Equipment (EG-1, EFP-1) – Reporting** - The permittee shall report each instance in which the source did not meet an operating limitation in Item 4 of Table 2d of 40 CFR 63 Subpart ZZZZ, and any applicable requirement included in Table 8 of 40 CFR 63 Subpart ZZZZ. The permittee shall report all deviations in the semiannual monitoring reports as outlined in Condition 49.
(9VAC5-80-110, 40 CFR 63.6640(b), 40 CFR 63.6640(e) and 40 CFR 63.6650(f))

Process Equipment Requirements – Batch House & Silos (EU-13) and Bottle Finishing Hot End Surface Treatment Process (EU-6)

Limitations

- 30. Process Equipment Requirements – (EU-13) – Limitations** - Particulate emissions from the Batch House and Silos (EU-13) shall be controlled by fabric filters. The fabric filters shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 3 of the April 6, 2001 permit document)
- 31. Process Equipment Requirements – (EU-6) – Limitations** - The throughput of monobutyltin trichloride (MBTT) to the Bottle Finishing Hot End Surface Treatment (HEST) process (EU-6) shall not exceed 3,796.5 gallons per year, calculated monthly as the sum of each consecutive 12 month period.
(9 VAC 5-80-110 and Condition 3 of the December 14, 2005 permit document)
- 32. Process Equipment Requirements – (EU-6) – Limitations** - Emissions from the operation of the HEST process (EU-6) shall not exceed the limits specified below:

Volatile Organic Compounds	4.0 lbs/hr	17.5 tons/yr
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Annual emissions shall be calculated monthly as the sum of each consecutive 12 month period. These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits shall be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Condition numbers 31 and 37.

(9 VAC 5-80-110 and Condition 4 of the December 14, 2005 permit document)

33. **Process Equipment Requirements – (EU-13) – Limitations** - Visible emissions from the Batch House & Silos (EU-13) shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity.
(9 VAC 5-80-110 and 9 VAC 5-50-80)

34. **Process Equipment Requirements – (EU-6) – Limitations** - Visible emissions from the HEST process (EU-6) exhaust stack (Stack 007) shall not exceed 10% opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).
(9 VAC 5-80-110 and Condition 5 of the December 14, 2005 permit document)

Monitoring

35. **Process Equipment Requirements – (EU-6) – Monitoring** – Daily observations for the presence of visible emissions from the HEST process exhaust stack (stack ID 007) shall be made. The presence of visible emissions shall require the permittee to:
- a. take timely corrective action such that the HEST process (EU-6) resumes operation with no visible emissions, or,
 - b. conduct a visible emission evaluation (VEE) on the HEST process exhaust stack (stack ID 007) with visible emissions in accordance with EPA Method 9 (reference 40 CFR 60, Appendix A) for a minimum of six (6) minutes to assure visible emissions from the HEST process (EU-6) are 20% opacity or less. If any of the observations exceed 20% opacity, the observation period shall continue until a total of sixty (60) minutes of observation have been completed. Timely corrective action shall be taken, if necessary, such that the HEST process (EU-6) resumes operation within the 20% opacity limit.

The permittee shall maintain an observation log for the HEST process (EU-6) to demonstrate compliance. The log shall include the date and time of the observations, whether or not there were visible emissions, the results of all VEEs, any necessary corrective action, and the name of the observer. If the HEST process (EU-6) was not operated for any period, it shall be noted in the logbook.

(9 VAC 5-80-110 E and 9 VAC 5-80-110 K)

36. Process Equipment Requirements – (EU-13) – Monitoring – Daily observations for the presence of visible emissions from the Batch House & Silo (EU-13) discharge points shall be made. The presence of visible emissions shall require the permittee to:

- a. take timely corrective action such that the Batch House & Silos (EU-13) resume operation with no visible emissions, or,
- b. conduct a visible emission evaluation (VEE) on the Batch House & Silos (EU-13) exhaust stacks with visible emissions in accordance with EPA Method 9 (reference 40 CFR 60, Appendix A) for a minimum of six (6) minutes to assure visible emissions from the Batch House and Silos (EU-13) are 20% opacity or less. If any of the observations exceed 20% opacity, the observation period shall continue until a total of sixty (60) minutes of observation have been completed. Timely corrective action shall be taken, if necessary, such that the Batch House & Silos (EU-13) resume operation within the 20% opacity limit.

The permittee shall maintain an observation log for the Batch House & Silos (EU-13) to demonstrate compliance. The log shall include the date and time of the observations, whether or not there were visible emissions, the results of all VEEs, any necessary corrective action, and the name of the observer. If the Batch House & Silos (EU-13) were not operated for any period, it shall be noted in the logbook.
(9 VAC 5-80-110 E and 9 VAC 5-80-110 K)

Recordkeeping

37. Process Equipment Requirements – (EU-13, EU-6) – Recordkeeping - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:

- a. Annual throughput of monobutyltin trichloride (MBTT), calculated monthly as the sum of each consecutive 12 month period;
- b. Monthly emission calculations for VOCs from the HEST process (EU-6) using calculation methods approved by the Blue Ridge Regional Office to verify compliance with the tons per year emission limitations in Condition 32. Annual emissions shall be calculated monthly as the sum of each consecutive 12 month period;
- c. Scheduled and unscheduled maintenance, and operator training related to the Batch House & Silos (EU-13) and HEST process (EU-6); and,
- d. Material Safety Data Sheets (MSDS) or other vendor information showing VOC content for the HEST process (EU-6).

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.

(9 VAC 5-80-110, Condition 16 of the April 6, 2001 permit document, and Condition 6 of the December 14, 2005 permit document)

Insignificant Emission Units

38. **Insignificant Emission Units** - The following emission units at the facility are identified in the application as insignificant emission units under 9 VAC 5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
B-2	North American gas-fired boiler (1978)	9 VAC 5-80-720 C		2.4 MMBtu/hr
2-A	Refiner	9 VAC 5-80-720 C		9.3 MMBtu/hr
3-A	Forehearths (3)	9 VAC 5-80-720 C		0.7 MMBtu/hr, each
4	Annealing Lehrs (3)	9 VAC 5-80-720 C		4.8 MMBtu/hr, max.
5	Bottle Forming (mold dope)	9 VAC 5-80-720 B	PM	
7	Bottle Finishing (polyethylene emulsion)	9 VAC 5-80-720 B	PM	
8	Bottle Coding	9 VAC 5-80-720 B	VOC, HAP (MEK)	
9	Box Coding	9 VAC 5-80-720 B	VOC	
10	Ink Cleaner	9 VAC 5-80-720 B	VOC, HAP (MEK)	
11	Central Vacuum System	9 VAC 5-80-720 B	PM	
12	Glass Crushers (2)	9 VAC 5-80-720 B	PM	
14	Parts Washer Stations	9 VAC 5-80-720 B	VOC	
16	API Separator	9 VAC 5-80-720 B	VOC, HAP (naphthalene)	
17	Storage Tanks	9 VAC 5-80-720 B	VOC, HAP (benzene, toluene, ethyl benzene, xylene, naphthalene)	
SFL-1	Solid Film Lubricant	9 VAC 5-80-720 B	PM, VOC, HAP (xylene)	
M-1, M-2 & M-3	Mold Heat Ovens	9 VAC 5-80-720 C		0.8 MMBtu/hr, each
20	Box assembly (glue)	9 VAC 5-80-720 B		5 lbs glue/hr
5 - 9	Lubricant Storage Tanks	9 VAC 5-80-720 C.3	--	400 g

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9 VAC 5-80-110. (9VAC5-80-110)

Permit Shield & Inapplicable Requirements

39. **Permit Shield & Inapplicable Requirements** - Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
40 CFR 61, Subpart N	National Emission Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants	Applies to glass melting furnaces that use commercial arsenic as a raw material. Owens-Brockway uses no commercial arsenic in their process.
40 CFR 60, Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	Applies to boilers constructed after June 9, 1989, and rated at greater than 10 MMBtu/hr and less than 100 MMBtu/hr. Both boilers (B-1, B-2) were installed prior to applicability date of June 9, 1989.
40 CFR 64(2)(a)	Compliance Assurance Monitoring	Applies to emission units that are subject to an emission limit, operate a control device to comply with the limit, and have a pre-control potential to emit pollutants at or above major source threshold. The only emission unit that operates a control device is the Batch House and 13 Silos (EU-13) and it is not a pre-control major source of any pollutant.
40 CFR 63.7485	National Emission Standards for Hazardous Air Pollutants From for Industrial,	Applies to boilers located at, or part of, a major source of HAPs. Does not apply to the

	Commercial, and Institutional Boilers and Process Heaters and 40 CFR 63 Subpart DDDDD	boilers (B-1, B-2); this facility is not major for HAPS.
40 CFR 63 Subpart SSSSSS	National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources	Applies to glass manufacturers that use any manufacturing metal HAPs as raw materials. The facility does not use any of the glass manufacturing metal HAPs, as defined by the subpart, as raw materials.
40 CFR 63 Subpart JJJJJJ	National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources	Per 40 CFR 63.11195 (e) gas-fired boilers are not subject to this subpart. The boilers (B-1, B-2) are a gas-fired boiler.

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by; (i) the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9 VAC 5-80-140)

General Conditions

40. **General Conditions - Federal Enforceability** - All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9VAC5-80-110)
41. **General Conditions - Permit Expiration** - This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.
(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)
42. **General Conditions - Permit Expiration** - The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.
(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)

43. **General Conditions - Permit Expiration** - If an applicant submits a timely and complete application for an initial permit or renewal under this section, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9VAC5 Chapter 80, until the Board takes final action on the application under 9VAC5-80-150.
(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)
44. **General Conditions - Permit Expiration** - No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.
(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)
45. **General Conditions - Permit Expiration** - If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.
(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)
46. **General Conditions - Permit Expiration** - The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.
(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)
47. **General Conditions -Recordkeeping and Reporting** - All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:
- a. The date, place as defined in the permit, and time of sampling or measurements;
 - b. The date(s) analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions existing at the time of sampling or measurement.
- (9VAC5-80-110)
48. **General Conditions -Recordkeeping and Reporting** - Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration

and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

(9VAC5-80-110 and 9VAC5-50-50)

49. **General Conditions -Recordkeeping and Reporting** - The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:
- a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31; and
 - b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:
 - i. Exceedances of emissions limitations or operational restrictions
 - ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,
 - iii. Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semi-annual reporting period."

(9VAC5-80-110, 40 CFR 63.6640(b) and 40 CFR 63.6650(f))

50. **General Conditions - Annual Compliance Certification** - Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

- a. The time period included in the certification. The time period to be addressed is January 1 to December 31;
- b. The identification of each term or condition of the permit that is the basis of the certification;
- c. The compliance status;
- d. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance;

- e. Consistent with subsection 9VAC5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period;
- f. Such other facts as the permit may require to determine the compliance status of the source; and
- g. One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:
R3_APD_Permits@epa.gov

(9VAC5-80-110)

51. **General Conditions - Permit Deviation Reporting** - The permittee shall notify the Blue Ridge Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. Owners subject to the requirements of 9VAC5-50-50 C are not required to provide the written statement prescribed in this paragraph for facilities subject to the monitoring requirements of 9 VAC5-50-40. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to Condition 4949 of this permit.

(9VAC5-80-110 F.2)

52. **General Conditions - Failure/Malfunction Reporting** - In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall no later than four daytime business hours after the malfunction is discovered, notify the Blue Ridge Regional Office such failure or malfunction and within 14 days provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. Owners subject to the requirements of 9VAC5-40-50 C and 9VAC5-50-50 C are not required to provide the written statement prescribed in this paragraph for facilities subject to the monitoring requirements of 9VAC5-40-40 and 9VAC5-50-40. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Blue Ridge Regional Office.

(9VAC5-80-110 and 9VAC5-20-180)

53. **General Conditions - Failure/Malfunction Reporting** - The emission units that have continuous monitors subject to 9VAC5-40-50 C and 9VAC5-50-50 C are not subject to the 14 day written notification.

(9VAC5-20-180 and 9VAC5-50-50)

54. **General Conditions - Failure/Malfunction Reporting** - The emission units subject to the reporting and the procedure requirements of 9VAC5-50-50 C are listed below:

Glass Melting Furnace A (1-A)

(9VAC5-80-110, 9VAC5-20-180 C and 9VAC5-50-50)

55. **General Conditions - Failure/Malfunction Reporting** - Each owner required to install a continuous monitoring system (CMS) or monitoring device subject to 9VAC5-40-41 or 9VAC5-50-410 shall submit a written report of excess emissions (as defined in the applicable subpart in 9VAC5-50-410) and either a monitoring systems performance report or a summary report form, or both, to the board semiannually. All semi-annual reports shall be postmarked by the 30th day following the end of each calendar semi-annual period (June 30th and January 30th). All reports shall include the following information:

- a. The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h) or, any conversion factors used, and the date and time of commencement and completion of each period of excess emissions;
- b. Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the source. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted;
- c. The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- d. When no excess emissions have occurred or the continuous monitoring systems have not been inoperative, repaired or adjusted, such information shall be stated in the report.

All malfunctions of emission units not subject to 9VAC5-40-50 C and 9VAC5-50-50 C require written reports within 14 days of the discovery of the malfunction.
(9VAC5-80-110, 9VAC5-50-50 and 9VAC5-20-180 C)

56. **General Conditions - Severability** - The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9VAC5-80-110)

57. **General Conditions - Duty to Comply** - The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for

enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9VAC5-80-110)

58. **General Conditions - Need to Halt or Reduce Activity not a Defense** - It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9VAC5-80-110)

59. **General Conditions - Permit Modification** - A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9VAC80-110, 9VAC5-80-190 and 9VAC5-80-260)

60. **General Conditions - Property Rights** - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110)

61. **General Conditions - Duty to Submit Information** - The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9VAC5-80-110)

62. **General Conditions - Duty to Submit Information** - Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.
(9VAC5-80-110)

63. **General Conditions - Duty to Pay Permit Fees** - The owner of any source for which a permit under 9VAC5-80-50 through 9VAC5-80-300 was issued shall pay permit fees consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350 in addition to an annual permit maintenance fee consistent with the requirements of 9VAC5-80-2310 through 9VAC5-80-2350. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department. The amount of the annual permit maintenance fee shall be

the largest applicable base permit maintenance fee amount from Table 8-11A in 9VAC5-80-2340, adjusted annually by the change in the Consumer Price Index.
(9VAC5-80-110, 9VAC5-80-340 and 9VAC5-80-2340)

64. **General Conditions - Fugitive Dust Emission Standards** - During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:
- a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;
 - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;
 - c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;
 - d. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,
 - e. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9VAC5-50-90 and 9VAC5-80-110)

65. **General Conditions - Startup, Shutdown, and Malfunction** - At all times, including periods of startup, shutdown, and soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9VAC5-50-20 E and 9VAC5-80-110)

66. **General Conditions - Alternative Operating Scenarios** - Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such

alternative scenario shall meet all applicable requirements including the requirements of 9VAC5 Chapter 80, Article 1.
(9VAC5-80-110)

67. General Conditions - Inspection and Entry Requirements - The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

- a. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.
- b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.
- c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.
- d. Sample or monitor at reasonable times' substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9VAC5-80-110)

68. General Conditions - Reopening for Cause - The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9VAC5-80-80 F. The conditions for reopening a permit are as follows:

- a. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- b. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- c. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.

(9VAC5-80-110)

69. General Conditions - Permit Availability - Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.

(9VAC5-80-110 and 9VAC5-80-150)

70. **General Conditions - Transfer of Permits** - No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.

(9VAC5-80-110 and 9VAC5-80-160)

71. **General Conditions - Transfer of Permits** - In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.

(9VAC5-80-110 and 9VAC5-80-160)

72. **General Conditions - Transfer of Permits** - In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.

(9VAC5-80-110 and 9VAC5-80-160)

73. **General Conditions - Permit Revocation or Termination for Cause** - A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9VAC5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.

(9VAC5-80-110, 9VAC5-80-190 C and 9VAC5-80-260)

74. **General Conditions - Duty to Supplement or Correct Application** - Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.

(9VAC5-80-110 and 9VAC5-80-80 E)

75. **General Conditions - Stratospheric Ozone Protection** - If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.

(9VAC5-80-110 and 40 CFR Part 82)

76. **General Conditions - Asbestos Requirements** - The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150). (9VAC5-60-70 and 9VAC5-80-110)
77. **General Conditions - Accidental Release Prevention** - If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68. (9VAC5-80-110 and 40 CFR Part 68)
78. **General Conditions - Changes to Permits for Emissions Trading** - No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (9VAC5-80-110)
79. **General Conditions - Emissions Trading** - Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:
- a. All terms and conditions required under 9VAC5-80-110, except subsection N, shall be included to determine compliance.
 - b. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.
 - c. The owner shall meet all applicable requirements including the requirements of 9VAC5-80-50 through 9VAC5-80-300.

(9VAC5-80-110)